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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

FORM PTO-1390 (REV 5-93)

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NO.
00487.00001

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
09/555093

INTERNATIONAL APPLICATION NO.
PCT/GB98/03507

INTERNATIONAL FILING DATE
24 November 1998 (24.11.98)

PRIORITY DATE CLAIMED
24 November 1997(24.11.97)

TITLE OF INVENTION
DESATURASE GENES AND THEIR USE

APPLICANT(S) FOR DO/EO/
NAPIER, Johnathan A.

Applicant herewith submits to the United State Designated/Elected Office (DO/EO/US) the following items and other information:

1. ■ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. ■ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ■ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ■ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 b. ■ has been transmitted by the International Bureau.
 c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ■ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 b. ☐ have been transmitted by the International Bureau.
 c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 d. ■ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11-16 below concern other document(s) or information included:

11. ■ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12. ☐ An Assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. ■ A FIRST preliminary amendment.
 ☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ■ Other items or information:

 1). PCT/ISA/210 International Search Report
 2). Nine sheets of formal drawings
 3). PCT/IPEA/409 International Preliminary Examination Report

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17. ■ The following fees are submitted:	CALCULATIONS	PTO USE ONLY
Basic National Fee (37 CFR 1.492(a)(1)-(5):		
Search Report has been prepared by the EPO or JPO $840.00		
International preliminary examination fee paid to USPTO (37 CFR 1.482) $790.00		
No International preliminary examination fee paid to USPTO (37 CFR 1.482), but international search fee paid to USPTO (37 CFR 1.445(a)(2)) $770.00		
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO $1,070.00		
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) $ 98.00		
ENTER APPROPRIATE BASIC FEE AMOUNT =	$840.00	
Surcharge of $130.00 for furnishing the oath or declaration later than 20 or 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	$00.00	

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	38 -20 =	18	X $ 18.00	$324.00	
Independent Claims	1 - 3 =	0	X $ 78.00	$00.00	
☐ Multiple dependent claims (if applicable)			X $260.00	$00.00	
			TOTAL OF ABOVE CALCULATIONS =	$1164.00	
☐ Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed (note 37 CFR 1.9, 1.27, 1.28).				$00.00	
			SUBTOTAL =	$1164.00	
☐ Processing fee of $130.00 for furnishing the English translation later than 20 or 30 months from the earliest claimed priority date (37 CFR 1.492(f).				$00.00	
			TOTAL NATIONAL FEE =	$1164.00	
☐ Fee for recording the enclosed assignment (37 CFR 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). $40.00 per property.				$00.00	
			TOTAL FEES ENCLOSED =	$1164.00	
			Amount to be: refunded		$
			charged		$

a. ■ A check in the amount of $ 1164.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 19-0733 in the amount of $_____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ■ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0733. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Banner & Witcoff, Ltd.
Eleventh Floor
1001 G Street, N.W.
Washington, D.C. 20001-4597
May 24, 2000
Telephone: (202) 508-9100

Lisa M. Hemmendinger
SIGNATURE

Lisa M. Hemmendinger
Registration No. 42,653